

ABSTRACT OF THE DISCLOSURE

5 A resistor includes a mixture of at least one of a metal conductive oxide and a transition metal material with an insulating oxide. A method for producing such a resistor includes the steps of forming an electrode on one of an alumina substrate, a glass substrate and a glass tube; and flame-spraying a mixture of at least one of a metal conductive oxide and a transition metal material with an
10 insulating oxide, thereby depositing the mixture on the one of the alumina substrate, the glass substrate and the glass tube.

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